

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128995.D
 Acq On : 24 Jun 2022 17:58
 Operator : CG\JU
 Sample : N3431-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-4

Quant Time: Jun 25 06:15:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	109432	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	416496	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	221589	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	346525	20.000	ng	0.00
76) Chrysene-d12	13.892	240	234068	20.000	ng	0.00
86) Perylene-d12	15.333	264	203944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	735506	107.056	ng	0.01
7) Phenol-d6	6.386	99	839609	100.116	ng	0.00
23) Nitrobenzene-d5	7.292	82	757585	84.688	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	275446	105.205	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1360825	86.026	ng	0.00
79) Terphenyl-d14	12.839	244	1090289	80.939	ng	0.00

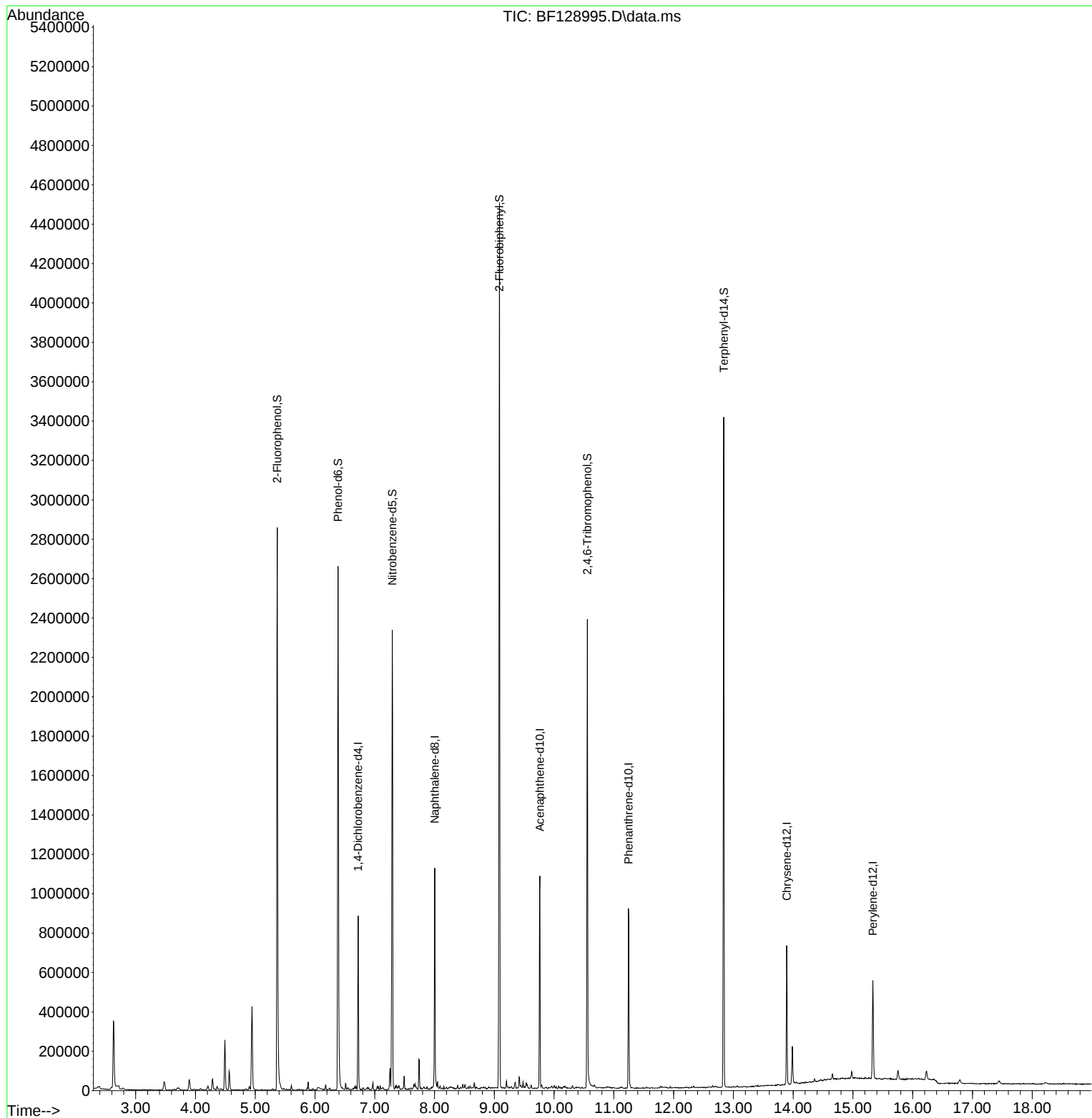
Target Compounds	Qvalue

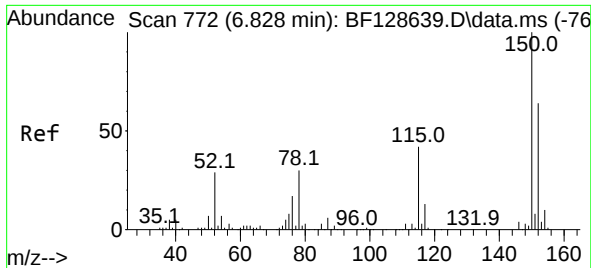
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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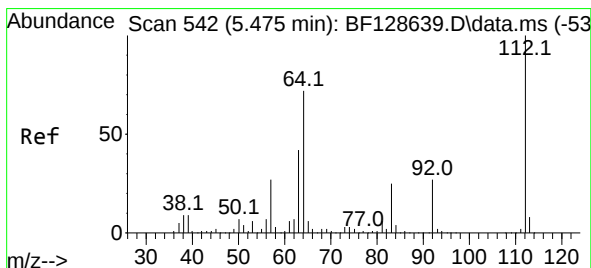
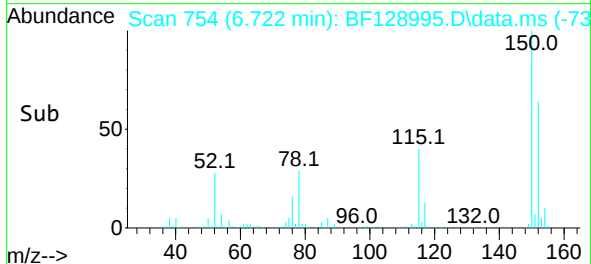
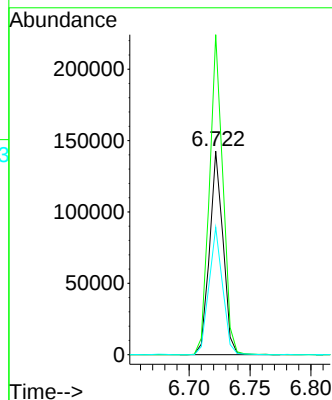
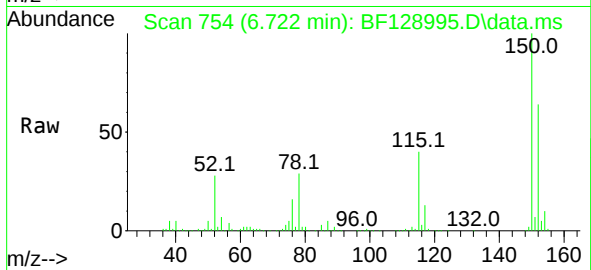




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

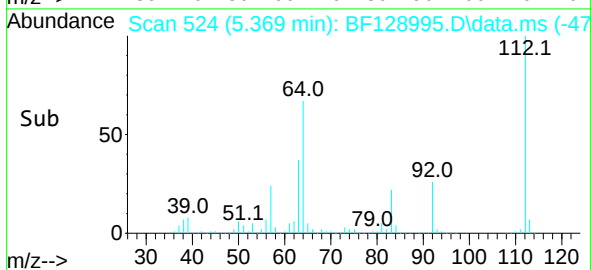
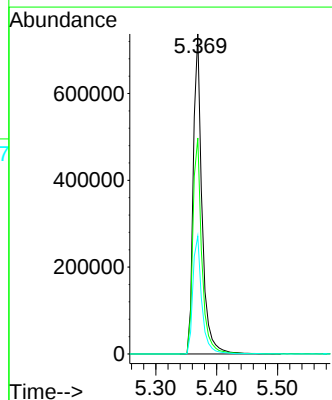
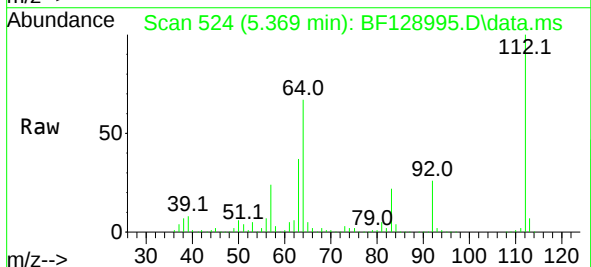
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

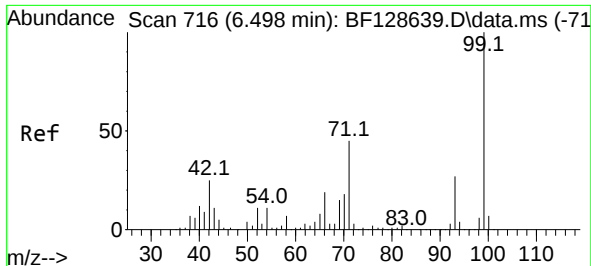
Tgt Ion:152 Resp: 109432
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 62.6 49.9 74.9



#5
2-Fluorophenol
Concen: 107.056 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.012 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion:112 Resp: 735506
Ion Ratio Lower Upper
112 100
64 67.5 53.3 79.9
63 36.8 28.0 42.0

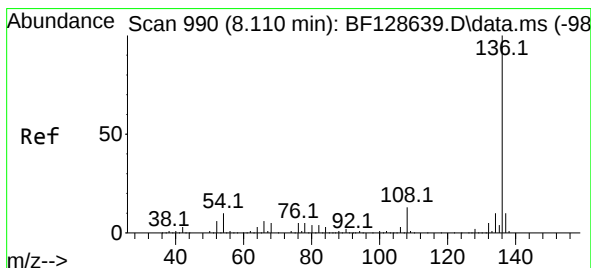
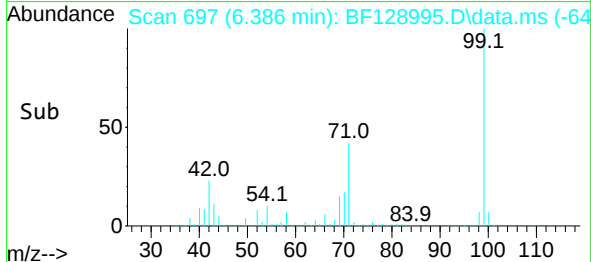
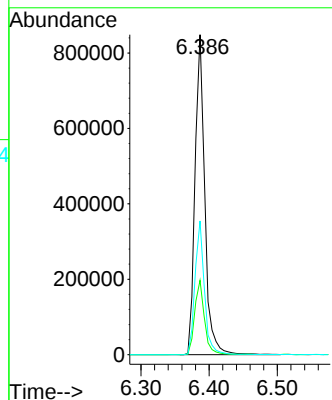
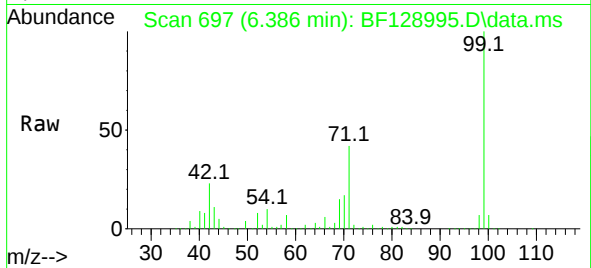




#7
Phenol-d6
Concen: 100.116 ng
RT: 6.386 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

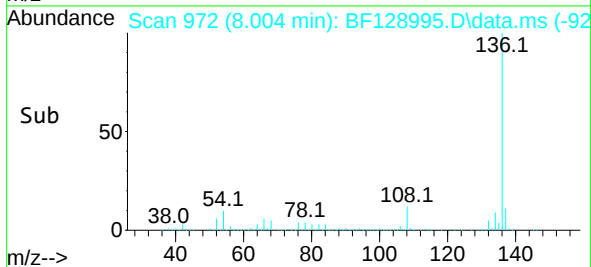
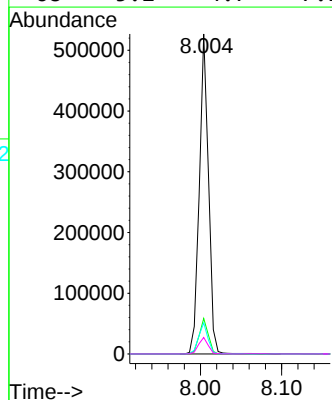
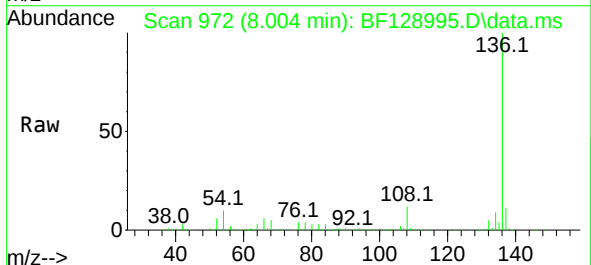
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-4

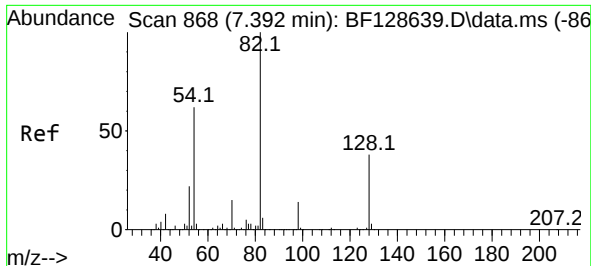
Tgt Ion: 99 Resp: 839609
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 41.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128995.D
Acq: 24 Jun 2022 17:58

Tgt Ion:136 Resp: 416496
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.7 7.5 11.3
68 5.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 84.688 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

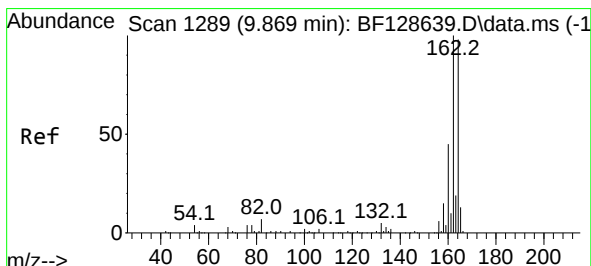
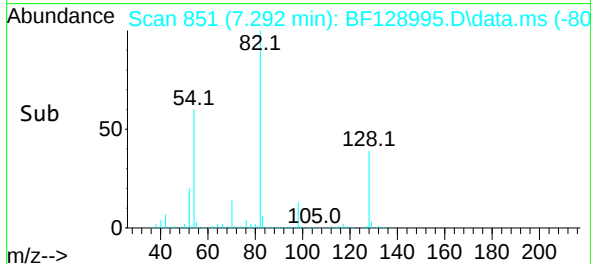
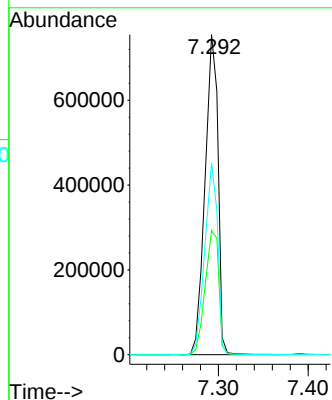
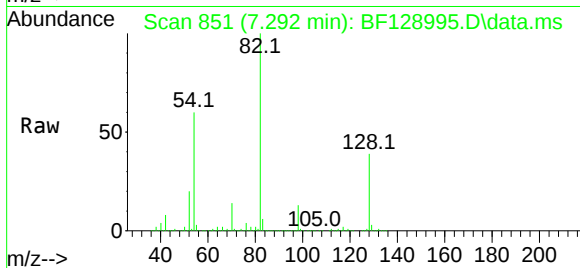
Tgt Ion: 82 Resp: 757585

Ion Ratio Lower Upper

82 100

128 38.7 34.0 51.0

54 59.9 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

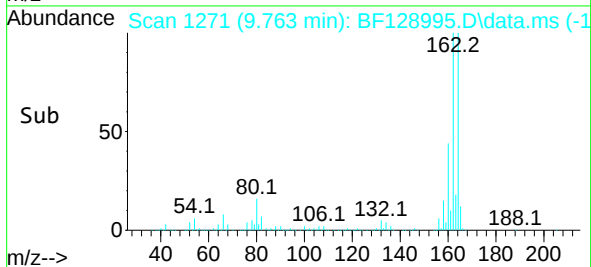
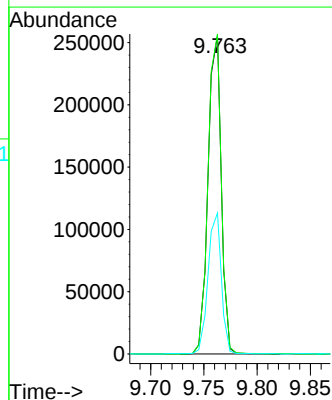
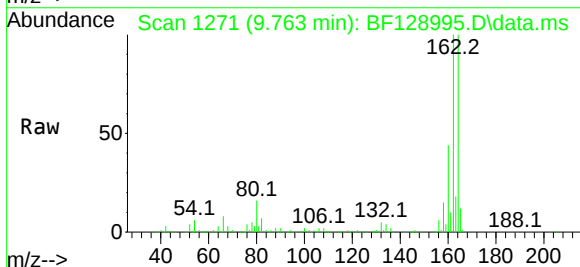
Tgt Ion: 164 Resp: 221589

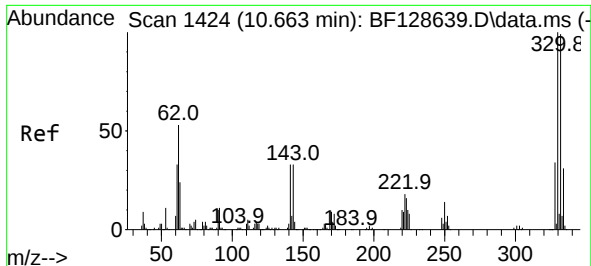
Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 105.205 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128995.D

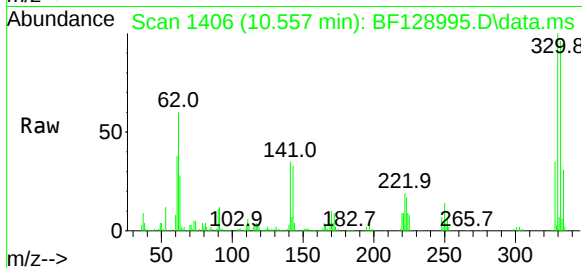
Acq: 24 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4



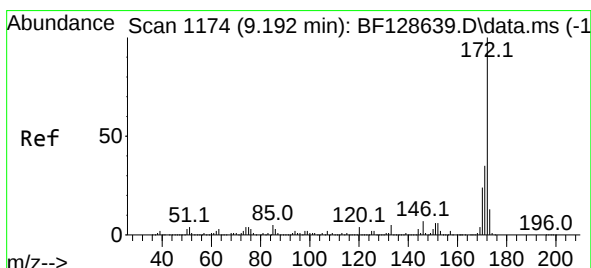
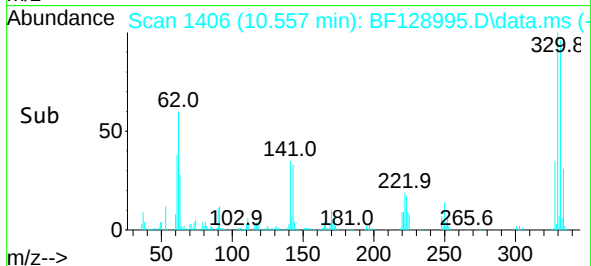
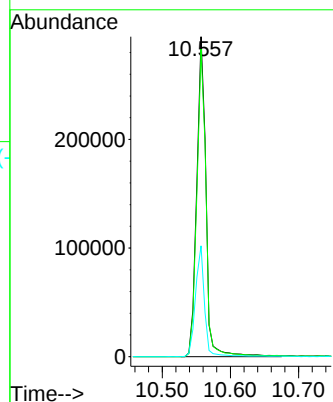
Tgt Ion:330 Resp: 275446

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

141 33.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.026 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

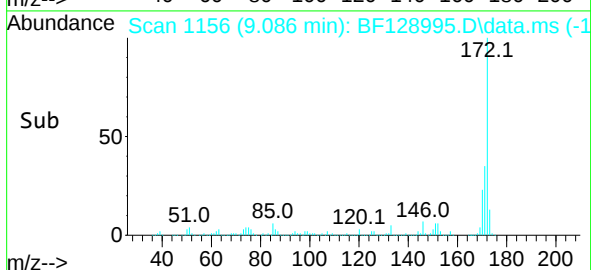
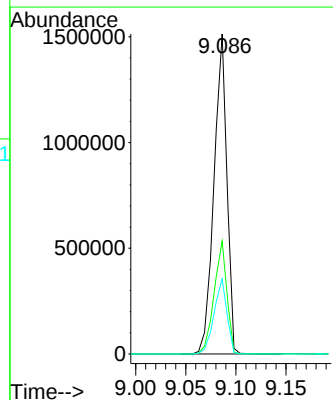
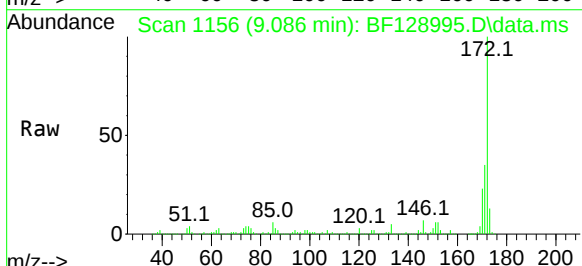
Tgt Ion:172 Resp: 1360825

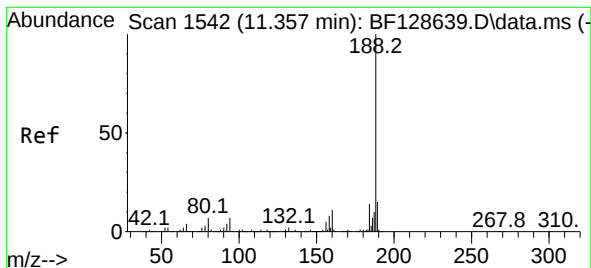
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-4

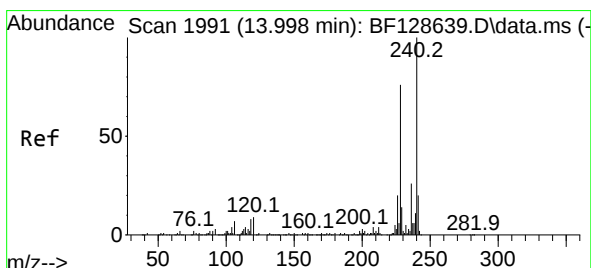
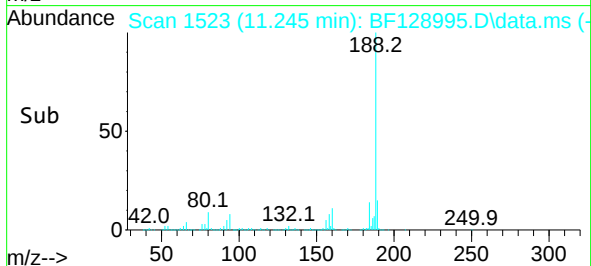
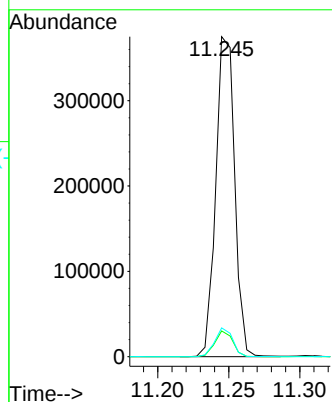
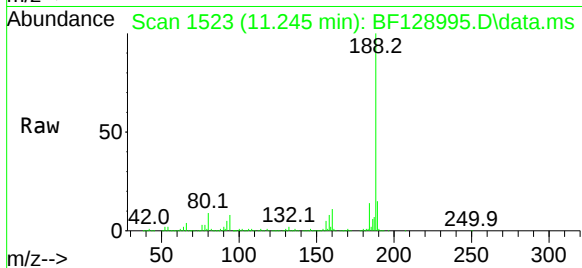
Tgt Ion:188 Resp: 346525

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

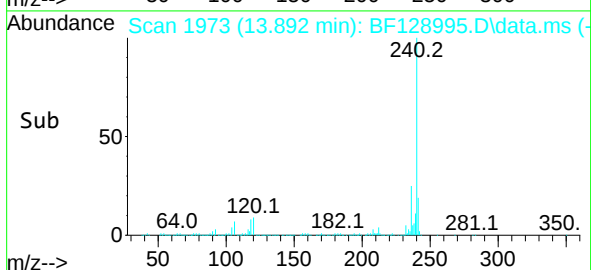
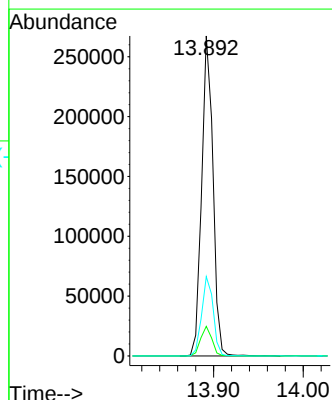
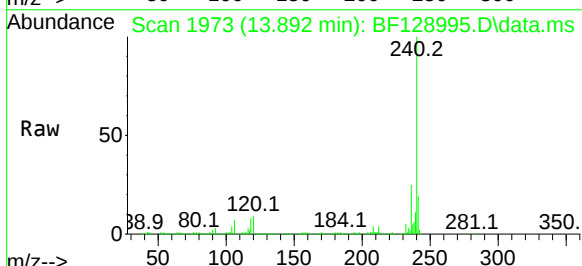
Tgt Ion:240 Resp: 234068

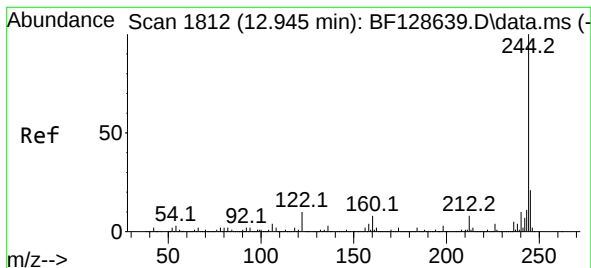
Ion Ratio Lower Upper

240 100

120 9.3 8.9 13.3

236 24.8 20.8 31.2





#79

Terphenyl-d14

Concen: 80.939 ng

RT: 12.839 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

Instrument :

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WC-14B-2-4

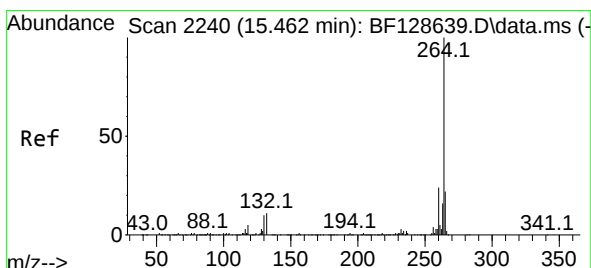
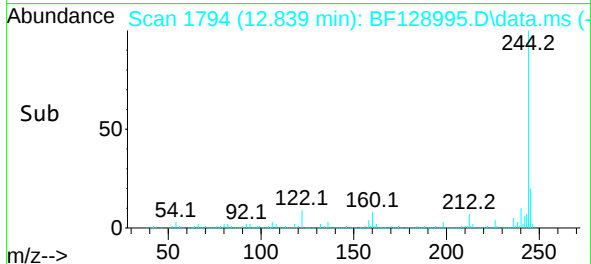
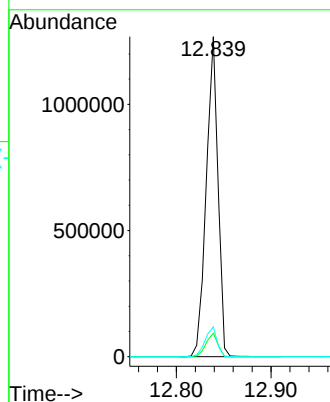
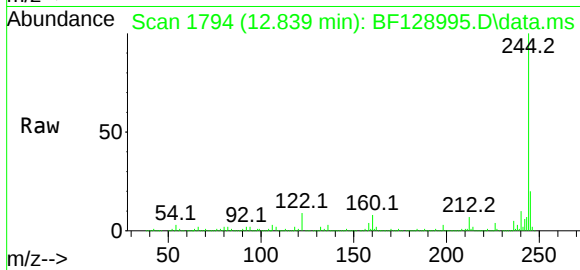
Tgt Ion:244 Resp: 1090289

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 9.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.333 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF128995.D

Acq: 24 Jun 2022 17:58

Tgt Ion:264 Resp: 203944

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 20.6 17.2 25.8

